

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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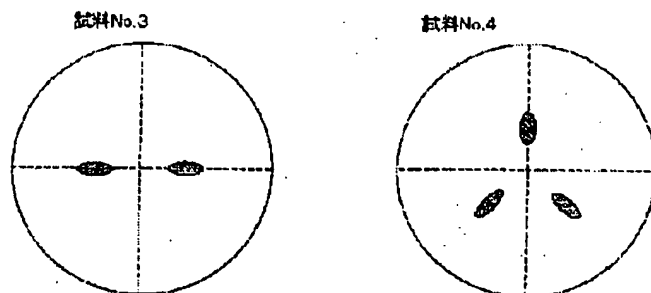
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TITLE : MAGNETIC RECORDING MEDIUM



**ABSTRACT :** **PROBLEM TO BE SOLVED:** To solve the problems that conventionally anisotropy (modulation) in the coercive force caused by a single-crystal substrate and to provide a magnetic recording medium which has every little anisotropy of the coercive force in the medium plane and which is smooth and suitable for high recording density.

**SOLUTION:** The magnetic recording medium is manufactured by successively laminating a seed film of Ta or Si, a seed film having the bcc(110) orientation plane of NiAl, a base film having the bcc(110) orientation plane of Cr, and a CoCr alloy magnetic film with the hcp(100) orientation plane inclined in the medium plane direction with three orientation planes at 120° interval by each orientation in the medium plane on a single crystal substrate.

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